

IN THE UNITED STATES PATENT- AND TRADEMARK OFFICE

In re Patent Application of)
Huwig et al.) Group Art. Unit: 1618
Application no.: 10/658,953) Examiner: B.M. Fubara
Filing Date: September 10, 2003) Confirmation No.: 3518
For: ACID-CONTAINING DESENSITI-)
ZATION AGENTS FOR TEETH)

Declaration under Rule 132

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, CARLO BOLIS, declare and state as follows:

1. I am currently employed by Ivoclar Vivadent AG. My present position and title is Chemist, Employee in the Department for Professional Care.

2. I performed or supervised the following experiments.

3. In accordance with Example 5 of the present patent application I prepared a mixture comprising:

Component	Proportion [g]
Polyacrylic acid (PAA/GMA)	5.0
Polyethylene glycol (PEG 1000 DMA)	20
Hydroxypropyl cellulose	5.0
Potassium fluoride	0.3
Flavouring (Optamint)	0.1
Ethanol/water (50:50)	65.6

4. Next I added 300 mg of 2-[4-(dihydroxyphosphoryl)-2-oxa-butyl]-acrylic acid to 6 g of the above composition in order to prepare a 4.8 wt.-% solution of the phosphonic acid in the composition. This is the phosphonic acid which is used in the composition of Example 5 of the application. The solution had the same composition as the solution which was used for the tests described in Example 8 of the application.

5. Then I determined the pH of the resulting solution with a calibrated pH-meter. The pH of the solution was 2.73 ± 0.02 .

6. I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

By: CB
Carlo Bolis

Date: